

ABSTRACT

[00049] A method and system for blending images into a single image.

Initially two images of a view are selected, wherein the images have overlapping content of the view. The images can differ from each other in such characteristics as
5 time, camera location, camera settings, and lighting. The images are divided into strips along a common plane in a region of each image where the images overlap. A strip from each image is selected where the images are a close match. Pixel by pixel difference values between the two strips are calculated, and a cut line is determined where the differences between the two strips are minimized. Each image is cut
10 along the corresponding cut line, and the cut images are blended together to form a single image of the view. The blended single image can be further processed by warping the image along the cut line to provide for a smoother fit between the two images.